

Subt. For, PTO-1449 INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 112020.128US2 NAN-5		Application Number 10/824,679	
				Applicant Rueckes, Thomas, et al.			
				Filing Date April 15, 2004		Group Art Unit 2818	
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
hy	4,324,814	4/13/82	Reichert	427	86	
	4,378,629	4/5/83	Bozlev et al.	29	580	
	4,495,511	1/22/85	Yoder	357	22	
	4,510,016	4/9/85	Chi et al.	156	643	
	4,673,474	06/16/87	Ogawa	204	157.64	
	4,707,197	11/17/87	Hensel et al.	437	189	
	4,758,534	7/19/88	Derkits Jr. et al.	437	89	
	4,901,121	2/13/90	Gibson et al.	357	15	
	4,903,090	2/20/90	Yokoyama	357	22	
	4,939,556	07/03/90	Eguchi et al.	357	4	
	5,010,037	4/23/91	Lin et al.	437	200	
	5,032,538	7/16/91	Bozler et al.	437	83	
	5,057,883	10/15/91	Noda	357	22	
	5,089,545	02/18/92	Pol	524	17	
	5,155,561	10/13/92	Bozler et al.	357	22	
	5,168,070	12/1/92	Luth	437	31	
hy	5,175,597	12/29/92	Cachier et al.	257	267	

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION (YES) NO
hy	WO 98/42620	10/01/98	WIPO			
	WO 00/09443	02/24/00	WIPO			
	WO 00/17101	03/20/00	WIPO			
	WO 00/19494	04/06/00	WIPO			
	WO 00/48195	8/17/00	WIPO			
hy	JP 11-011917	01/19/99	Japan			

EXAMINER <i>Quir Hsueh</i>	DATE CONSIDERED <i>09/20/05</i>
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	5,538,916	07/23/96	Kuroi et al.			
	5,592,643	01/07/97	Thomas			
	5,592,644	01/07/97	Thomas			
	5,994,733	11/30/99	Nishioka et al.			
	6,064,107	05/16/00	Yeh et al.			
	6,048,740	04/11/00	Hsu et al.			
	6,052,313	04/18/00	Atsumi et al.			
	6,062,931	05/16/00	Chuang et al.			
	6,052,313	04/18/00	Atsumi et al.			
h	6,044,008	03/28/00	Choi			

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
h	WO 01/18246	08/28/00	PCT			
	WO 01/23303	08/03/00	PCT			
	WO 02/19420	08/31/01	PCT			
h	WO 02/37500	05/24/01	PCT			

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)			
h	A125	Tans, Sander J., "Room-temperature transistor based on a single carbon nanotube," Nature, May 1998, Vol. 393, pages 49-52	
	A126	Dillon, Anne C., "A Simple and Complete Purification of Single-Walled Carbon Nanotube Materials," Advanced Materials, 1999, Vol. 11, pgs. 1354-1358	
	A127	Cleland, A.N., "Single-crystal aluminum nitride nanomechanical resonators," Applied Physics Letters, September 24, 2001, Vol. 79, pgs. 2070-2072	
	A128	Calleja, M., "Fabrication of gold nanowires on insulating substrates by field-induced mass transport," Applied Physics Letters, October 8, 2001, Volume 79, pgs. 2471-2473	
h	A129	Kluth, P., "Fabrication of epitaxial CoSi ₂ nanowires," Applied Physics Letters, August 6, 2001, Vol. 79, pgs. 824-826	

EXAMINER <i>Glenn Hoang</i>	DATE CONSIDERED <i>09/2005</i>
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	6,087,293	07/11/00	Carnahan et al.			
h	6,128,214	10/03/00	Kuekes et al.			
h	6,165,890	12/26/00	Kohl et al.			
h	6,177,703	01/23/01	Cunningham			
h	6,203,864	03/20/01	Zhang et al.			
h	6,232,706	05/15/01	Dai et al.			
h	6,256,767	07/03/01	Kuekes et al.			

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
h	WO 02/38496	11/12/01	PCT			
h	WO 02/42204	11/2/01	PCT			
h	WO 02/48701	12/11/01	PCT			

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
h	A144	Avouris, P., "Carbon nanotube electronics," Carbon, 2002, Vol. 40, pgs. 429-445
h	A145	Chen, Bin, "Heterogeneous Single-Walled Carbon Nanotube Catalyst Discovery and Optimization," Chemical Materials, December 7, 2001, Vol. 14, pgs. 1891-1896
h	A146	Maurin, L., "Carbon Miscibility in the Boron Layers of the MgB ₂ Superconductor," Chemical Materials, 2002, pgs. A-D
h	A147	Hyeon-Lee, Jingyu, "Aero-Sol-Gel Synthesis of Nanostructured Silica Powders," Chemical Materials, 1997, Vol. 9, pgs. 2400-2403
h	A148	McEuen, Paul L., "Single-Walled Carbon Nanotube Electronics, to be published in the inaugural issue of the IEEE Transactions on Nanotechnology (2002), 9 pgs.

EXAMINER Quoc Hoang	DATE CONSIDERED 09/2005
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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
hy	6,262,469	07/17/01	Le et al.			
	6,300,205	10/09/01	Fulford et al.			
	6,314,019	11/06/01	Kuekes, et al.			
	6,320,428	11/20/01	Atsumi et al.			
	6,322,713	11/27/01	Choi et al.			
	6,325,909	12/4/01	Li et al.			
	6,331,209	12/18/01	Jang et al.			
	6,346,413	02/12/02	Fodor et al.			
	6,348,295	02/19/02	Griffith et al.			
	6,348,700	02/19/02	Ellenbogen et al.			
	6,350,488	02/26/02	Lee et al.			
	6,358,756	03/19/02	Sandhu et al.			
	6,361,861	03/26/02	Gao et al.			
	6,362,073	03/26/02	Kim			

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)	ION NO
hy	WO 02/48822	12/11/01	PCT				
	WO 02/054505	12/21/01	PCT				
	WO 02/059898	01/23/02	PCT				
hy	WO 02/060812	01/29/02	PCT				

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U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
h	2002/0081787 A1	06/27/02	Kohl et al.			
	2002/0088938 A1	07/11/02	Colbert et al.			
	2002/0090331 A1	07/11/02	Smalley et al.			
	2002/0092983 A1	07/18/02	Colbert et al.			
	2002/0092984 A1	07/18/02	Colbert et al.			
	2002/0096634 A1	07/25/02	Colbert et al.			
	2002/0098135 A1	07/25/02	Smalley et al.			
	2002/0102193 A1	08/01/02	Smalley et al.			
	2002/0102194 A1	08/01/02	Smalley et al.			
	2002/0102196 A1	08/01/02	Smalley et al.			
h	2002/0102353 A1	08/01/02	Mauthner et al.			

Foreign Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
h	WO 02/060813	01/30/02	PCT			
	WO 97/22971	12/12/96	PCT			
	441,409 A3	07/27/88	EP			
	441,409 B1	07/27/88	EP			
h	758,028 A3	07/09/96	EP			

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
h	A152	Deng, S. Z., "Synthesis of silicon carbide nanowires in a catalyst-assisted process," Chemical Physics Letters, April 26, 2002, Vol. 356, pgs. 511-514
	A153	Zhang, R. Q., "Silicon nanotubes: Why not?," Chemical Physics Letters, 2002, Vol. 364, pgs. 251-258
	A154	Lei, Y., "Fabrication, characterization and Raman study of TiO ₂ nanowire arrays prepared by anodic oxidative hydrolysis of TiCl ₃ ," Chemical Physics Letters, 2001, Vol. 338, pgs. 231-236
h	A155	Zheng, M. J., "Fabrication and optical properties of large-scale uniform zinc oxide

EXAMINER <i>Chun Hong</i>	DATE CONSIDERED <i>09/1/2005</i>
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